ABSTRACT OF THE DISCLOSURE

An interactive bonus game played in conjunction with a base game. To initiate play, a player selects a character from a list of characters in a gaming device. The player then makes a wager and plays the base game. Entry into the bonus game is achieved upon a qualification event in the base game. In the bonus game, the players have the option of modifying attributes for the selected characters. The bonus game provides the qualified player with the option to challenge another player or a computer-generated opponent in a player to player contest. A player may also be challenged by a computer-generated opponent. The challenged player then chooses whether to surrender to the qualified player or to accept the challenge. Upon acceptance of the challenge, the contest is conducted between the two players and a winner is determined, which may at least in part be affected by the attributes of the characters as modified by the players.